

07-26-05

CotC

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|---|------------------------|-----------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/937,243 |
| | Filing Date | May 7, 2002 |
| | First Named Inventor | John W. Frost, et al. |
| | Art Unit | 1652 |
| | Examiner Name | David J. Steadman |
| Total Number of Pages in This Submission | Attorney Docket Number | 655000038USB |

| ENCLOSURES (check all that apply) | | | | |
|--|--|---|---------|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Transmittal letter (in duplicate), Certificate of Correction form (in duplicate), and acknowledgment postcard. | | |
| <table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</td></tr></table> | | | Remarks | The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. |
| Remarks | The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. | | | |

Certificate

JUL 29 2005

of Correction

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|----------------------------------|-----------------------------------|--------------------|
| Firm or Individual name | Harness, Dickey & Pierce, P.L.C. | Attorney Name Monte L. Falcoff | Reg. No. 37,617 |
| Signature | | | |
| Date | July 25, 2005 | | |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|---|------------------|------------------------|-------------------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Typed or printed name | Monte L. Falcoff | Express Mail Label No. | EV 570 164 680 US (7/25/2005) |
| Signature | | Date | July 25, 2005 |

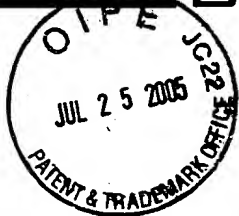
This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EV 570 164 680 US

AUG 01 2005

HARNESS DICKEY



July 25, 2005

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

81

Re: Patent No. 6,750,049~~4~~ Issued: June 15, 2004
Inventors: John W. Frost and Chad A. Hansen
For: Synthesis of 1,2,3,4-Tetrahydroxybenzenes and
1,2,3-Trihydroxybenzenes Using Myo-Inositol-1-
Phosphate Synthase And Myo-Inositol 2-Dehydrogenase
Our Reference: 655000038USB

Sir:

We have reviewed the above-identified patent and have found the following errors which appear to require a Certificate of Correction:

Column 1, line 28 (application page 1, line 19), "(1953):" should be --(1953);--.

Column 1, line 34 (application page 1, line 23), "(1991)" should be --(1991);--.

Column 1, line 37 (application page 1, line 26), "(1988):" should be --(1988);--.

Column 4, line 53 (application page 6, line 6), "(11990)" should be --(1990)--.

Column 7, line 20 (application page 9, line 21), "11989))" should be --(1989))--.

Column 8, line 44 (application page 11, line 19), "NH₄Cl" should be --NH₄Cl--.

Column 9, line 10 (application page 12, line 8), "IaCl^Q" should be --IaCl^Q--.

Column 9, line 15 (application page 12, line 12), "IaCl^Q" should be --IaCl^Q--.

Column 9, line 38 (application page 12, line 30), "(15x25 cm)" should be --(5x25 cm)--.

Column 9, line 52 (application page 13, line 5), "11996))" should be --(1996))--.

Column 10, line 33 (application page 14, line 7), "g/L/OD600" should be --g/L/OD₆₀₀--.

FOR COURIER DELIVERY ONLY
Harness, Dickey & Pierce, P.L.C.
Attorneys and Counselors
5445 Corporate Drive
Troy, Michigan 48098
248.641.1600

CABLE
Patents Troy, Michigan
Telex No. & Reply
287637 Harness UR
Telefacsimile 248.641.0270

P.O. Box 828
Bloomfield Hills, MI 48303 U.S.A.

Metropolitan
Detroit, MI St. Louis, MO Washington, D.C.

www.hdp.com

AUG 01 2005

Column 11, line 5 (application page 15, line 2), "24, h" should be --24 h--.

Column 11, line 49 (application page 15, line 34), "(11996)" should be --(1996)--.

Column 11, line 67 (application page 16, line 12), " $\delta=2.04$ " should be -- $\delta = 2.04$ --.

Column 12, line 29 (application page 16, line 33), "(0.18 9," should be --(0.18 g,--.

Column 12, line 45 (application page 17, line 9), "0.1 59" should be --0.159--.

Column 13, line 2 (application page 17, line 27), "(CDCl₃) δ 184.1" should be --(CDCl₃: δ 184.1--.

Column 13, line 4 (application page 17, line 28), "H₁₈" should be --H₁₆--.

Column 13, line 36 (application page 18, line 16), "and:" should be --and--.

Column 13, line 54 (application page 18, line 29), "1.2,3,4" should be --1,2,3,4--.

Column 14, line 27 (application page 19, line 23), "(1 998))" should be --(1998)--.

Column 14, line 52 (application page 20, line 6), "(140" should be --(40--.

Column 14, line 67 (application page 20, line 17), "(19801." should be --(1980).--.

Column 15, line 33 (application page 21, line 4), "O₃" should be --Q₃--.

Column 15, line 63 (application page 21, line 25), "(0.125 9," should be --(0.125 g,--.

Column 16, line 32 (application page 22, line 14), "P_{lac}" should be --P_{tac}--.

Column 16, line 33 (application page 22, line 15), "lac^Q" should be --lac^l--.

Column 17, lines 54-55, Claim 16 (Examiner's Amendment attached to Notice of Allowance dated 1/29/04, page 3, lines 1-3, Claim 82), delete "The microbe of claim 15 wherein the INO1 gene is comprised by pAD1.88A." and insert --A microbe comprising a recombinant DNA encoding myo-inositol-1-phosphate synthase, wherein the recombinant DNA is plasmid pAD1.88A.--.

Column 18, line 21, Claim 29 (Amendment dated November 14, 2003, page 5, line 27, Claim 105), "1,2,34" should be --1,2,3,4--.

AUG 01 2005

Column 18, line 28, Claim 29 (Examiner's Amendment attached to Notice of Allowance dated 1/29/04, page 3, line 4, Claim 105), after "expresses" insert --a naturally occurring--.

Column 18, line 29, Claim 29 (Examiner's Amendment attached to Notice of Allowance dated 1/29/04, page 3, line 5, Claim 105), after "dehydrogenase" delete "activity".

Column 18, line 47, Claim 37 (Examiner's Amendment attached to Notice of Allowance dated 1/29/04, page 3, lines 6-7, Claim 113), after "encoding" insert --the naturally occurring--.

Column 18, line 49, Claim 38 (Examiner's Amendment attached to Notice of Allowance dated 1/29/04, page 3, lines 6-7, Claim 114), after "encoding" insert --the naturally occurring--.

Enclosed herewith is an original and a copy of the Patent and Trademark Office Certificate of Correction form which we request be approved for the above-identified patent. These errors were caused by the U.S. Patent and Trademark Printing Office. Therefore, no fee should be required. However, the Director is hereby authorized to charge any fees which may be required in connection with this patent to Deposit Account No. 08-0750. A duplicate copy of this letter is enclosed.

Respectfully submitted,

By: 

Monte L. Falcoff
Reg. No. 37,617
Attorney for Applicants

MLF/sed
Enclosure

AUG 01 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,750,049 **01**

DATED : June 15, 2004

INVENTOR(S) : John W. Frost and Chad A. Hansen

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 1, line 28, "(1953):" should be --(1953);--.

Column 1, line 34, "(1991)" should be --(1991);--.

Column 1, line 37, "(1988):" should be --(1988);--.

Column 4, line 53, "(11990)" should be --(1990)--.

Column 7, line 20, "(11989))" should be --(1989)--.

Column 8, line 44, "NH₄Cl" should be --NH₄Cl--.Column 9, line 10, "IaCl^Q" should be --IaCl^Q--.Column 9, line 15, "IaCl^Q" should be --IaCl^Q--.

Column 9, line 38, "(15x25 cm)" should be --(5x25 cm)--.

Column 9, line 52, "(11996))" should be --(1996)--.

Column 10, line 33, "g/L/OD600" should be --g/L/OD₆₀₀--.

Column 11, line 5, "24, h" should be --24 h--.

Column 11, line 49, "(11996)" should be --(1996)--.

Column 11, line 67, "δ=2.04" should be --δ = 2.04--.

Column 12, line 29, "(0.18 9," should be --(0.18 g,--.

MAILING ADDRESS OF SENDER:

Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,750,049

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 01 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,750,049 **61**

DATED : June 15, 2004

INVENTOR(S) : John W. Frost and Chad A. Hansen

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 12, line 45, "0.1 59" should be --0.159--.

Column 13, line 2, "(CDCl₃); δ 184.1" should be --(CDCl₃; δ 184.1--.

Column 13, line 4, "H₁₈" should be --H₁₆--.

Column 13, line 36, "and:" should be --and--.

Column 13, line 54, "1,2,3,4" should be --1,2,3,4--.

Column 14, line 27, "(1 998))" should be --(1998))--.

Column 14, line 52, "(140" should be --(40--.

Column 14, line 67, "(19801." should be --(1980)--.

Column 15, line 33, "O₃" should be --Q₃--.

Column 15, line 63, "(0.125 9," should be --(0.125 g,--.

Column 16, line 32, "P_{lac}" should be --P_{lac}--.

Column 16, line 33, "lac^{Qn}" should be --lac^Q--.

Column 17, lines 54-55, Claim 16, delete "The microbe of claim 15 wherein the INO1 gene is comprised by pAD1.88A." and insert --A microbe comprising a recombinant DNA encoding myo-inositol-1-phosphate synthase, wherein the recombinant DNA is plasmid pAD1.88A.--.

Column 18, line 21, Claim 29, "1,2,34" should be --1,2,3,4--.

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,750,049



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 01 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,750,049 ^{B1}

DATED : June 15, 2004

INVENTOR(S) : John W. Frost and Chad A. Hansen

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 18, line 28, Claim 29, after "expresses" insert --a naturally occurring--.

Column 18, line 29, Claim 29, after "dehydrogenase" delete "activity".

Column 18, line 47, Claim 37, after "encoding" insert --the naturally occurring--.

Column 18, line 49, Claim 38, after "encoding" insert --the naturally occurring--.

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,750,049

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 01 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,750,049 **B1**

DATED : June 15, 2004

INVENTOR(S) : John W. Frost and Chad A. Hansen

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 1, line 28, "(1953);" should be --(1953);--.

Column 1, line 34, "(1991)" should be --(1991);--.

Column 1, line 37, "(1988);" should be --(1988);--.

Column 4, line 53, "(11990)" should be --(1990)--.

Column 7, line 20, "11989))" should be --(1989)--.

Column 8, line 44, "NH₄Cl" should be --NH₄Cl--.Column 9, line 10, "IaCl^a" should be --IaCl^a--.Column 9, line 15, "IaCl^a" should be --IaCl^a--.

Column 9, line 38, "(15x25 cm)" should be --(5x25 cm)--.

Column 9, line 52, "(11996))" should be --(1996)--.

Column 10, line 33, "g/L/OD600" should be --g/L/OD₆₀₀--.

Column 11, line 5, "24, h" should be --24 h--.

Column 11, line 49, "(11996)" should be --(1996)--.

Column 11, line 67, "δ=2.04" should be --δ = 2.04--.

Column 12, line 29, "(0.18 9," should be --(0.18 g,--.

MAILING ADDRESS OF SENDER:

Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,750,049

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 01 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,750,049 ⁸¹

DATED : June 15, 2004

INVENTOR(S) : John W. Frost and Chad A. Hansen

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 12, line 45, "0.1 59" should be --0.159--.

Column 13, line 2, "(CDCl₃): δ 184.1" should be --(CDCl₃: δ 184.1--.

Column 13, line 4, "H₁₈" should be --H₁₆--.

Column 13, line 36, "and:" should be --and--.

Column 13, line 54, "1.2,3,4" should be --1,2,3,4--.

Column 14, line 27, "(1 998)" should be --(1998)--.

Column 14, line 52, "(140" should be --(40--.

Column 14, line 67, "(19801." should be --(1980).--.

Column 15, line 33, "O₃" should be --Q₃--.

Column 15, line 63, "(0.125 9," should be --(0.125 g,--.

Column 16, line 32, "P_{lac}" should be --P_{lac}--.

Column 16, line 33, "lac^{Qn}" should be --lac^Q--.

Column 17, lines 54-55, Claim 16, delete "The microbe of claim 15 wherein the INO1 gene is comprised by pAD1.88A." and insert --A microbe comprising a recombinant DNA encoding myo-inositol-1-phosphate synthase, wherein the recombinant DNA is plasmid pAD1.88A.--.

Column 18, line 21, Claim 29, "1,2,34" should be --1,2,3,4--.

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,750,049



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 01 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTIONPATENT NO : 6,750,049 **B1**

DATED : June 15, 2004

INVENTOR(S) : John W. Frost and Chad A. Hansen

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 18, line 28, Claim 29, after "expresses" insert --a naturally occurring--.

Column 18, line 29, Claim 29, after "dehydrogenase" delete "activity".

Column 18, line 47, Claim 37, after "encoding" insert --the naturally occurring--.

Column 18, line 49, Claim 38, after "encoding" insert --the naturally occurring--.

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,750,049

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 01 2005